



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday March 23, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Today & Tomorrow**

- Heavy rain/flash flooding likely in SE LA.
- Critical fire weather conditions in S NM/W TX today and Elevated fire weather conditions in SE NM/W TX tomorrow.
- Marginal Risk of severe storms in LA today and Slight Risk of severe storms for Central/Southern AR into N LA tomorrow.
- Widespread snow in NM tonight into Wednesday.

- **Thursday:** Potential outbreak of severe storms including strong tornadoes, large hail and damaging wind Thursday afternoon into late evening for E AR into NE LA.

- Severe storms also possible across the rest of AR/LA into E TX and heavy rain/flash flooding threat continues for SE LA.

FEMA Region 6 Threat Matrix

Mar 23, 2021 - Mar 27, 2021



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DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	LA	LA, ETX	E AR, NE LA		
			AR, LA, E/SE TX		
Heavy Rain / Flash Flooding	SE LA	SE LA	SE LA		
Fire Weather	S NM, WTX	SE NM, WTX			
Winds					
Winter Weather	NM (PM)	NM			
River Flooding	AR, LA	AR, LA	AR, LA	AR, LA	AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

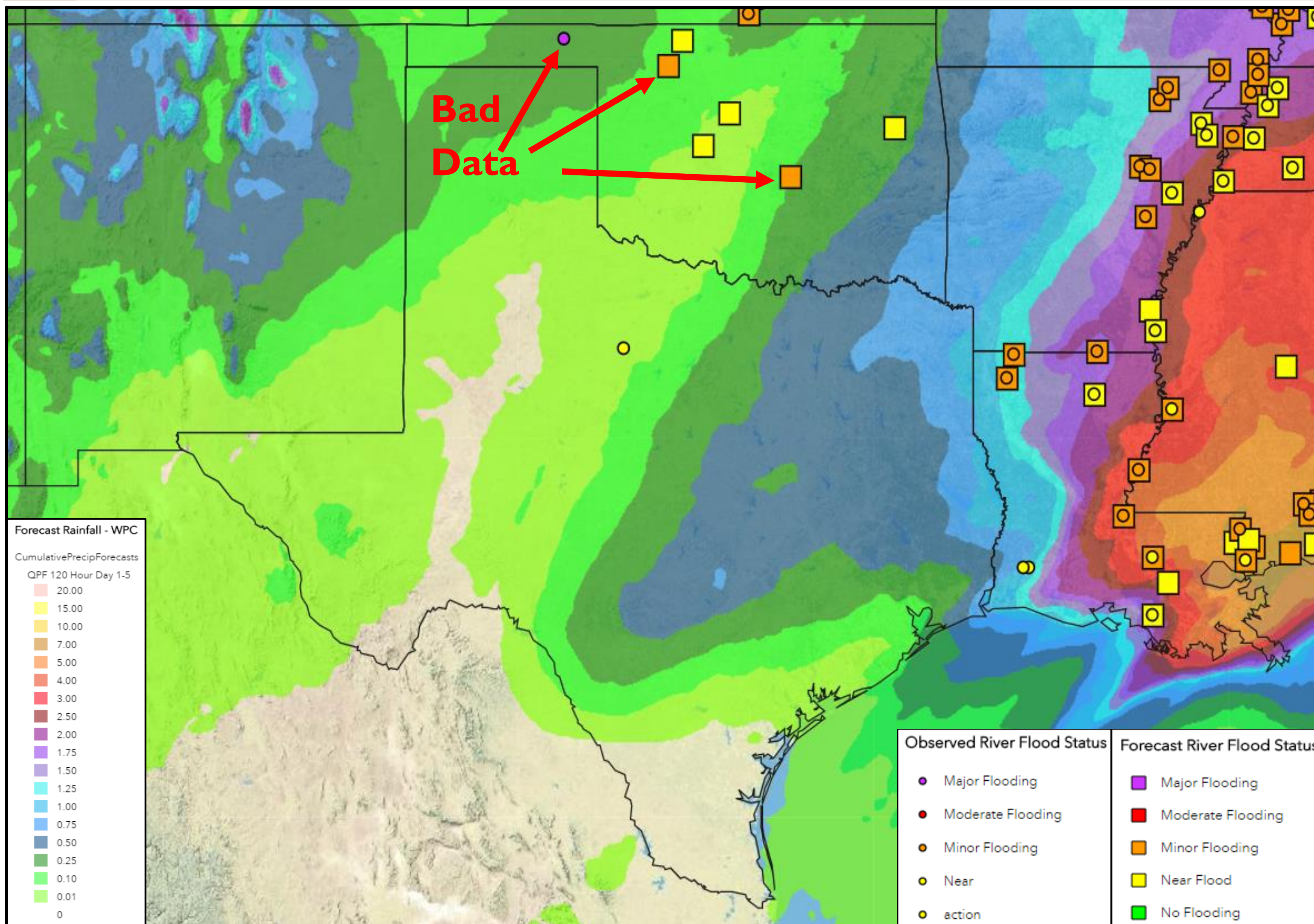
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

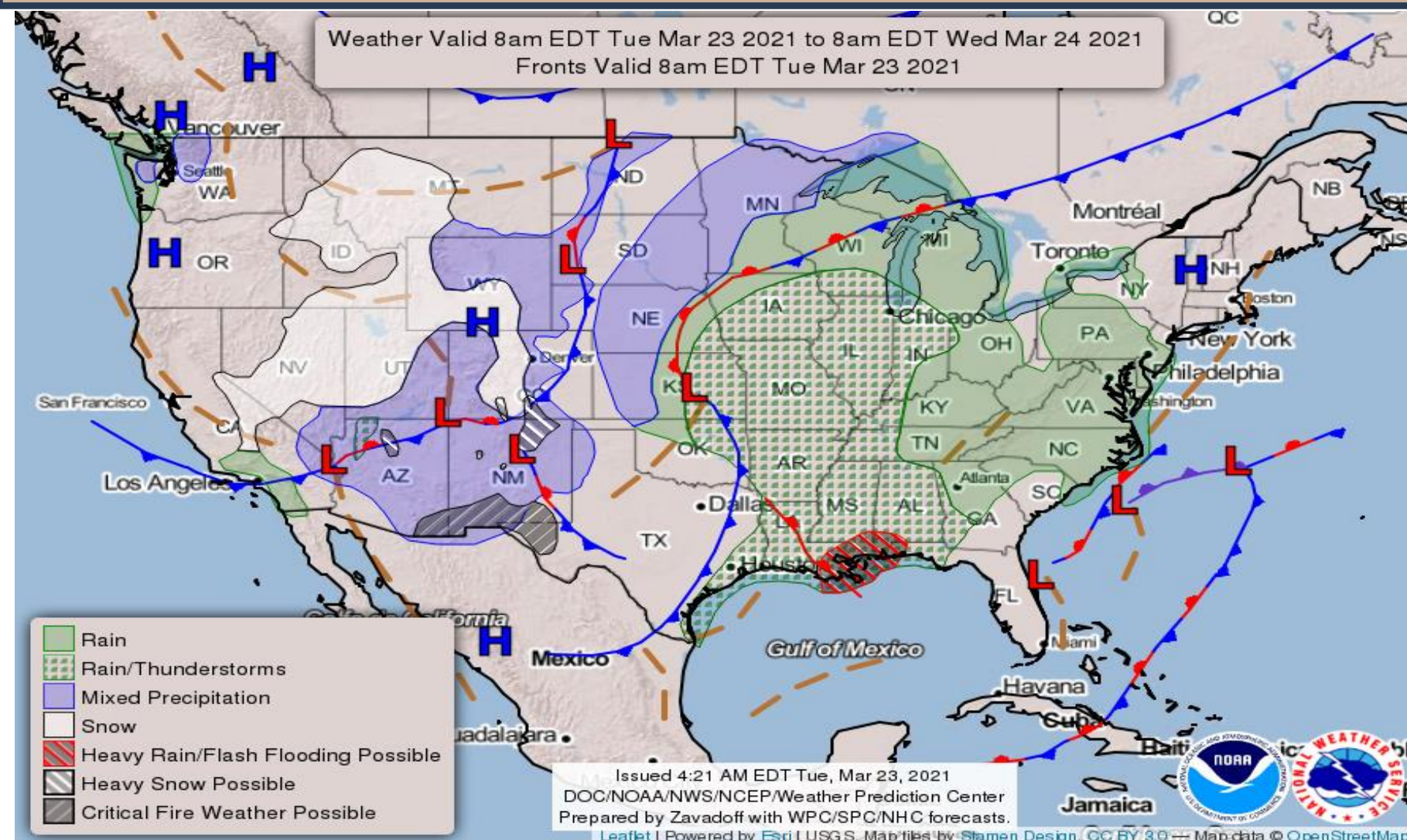


Mainly minor river flooding continues across portions of LA and AR with impacts to secondary roads and agricultural/recreational areas.

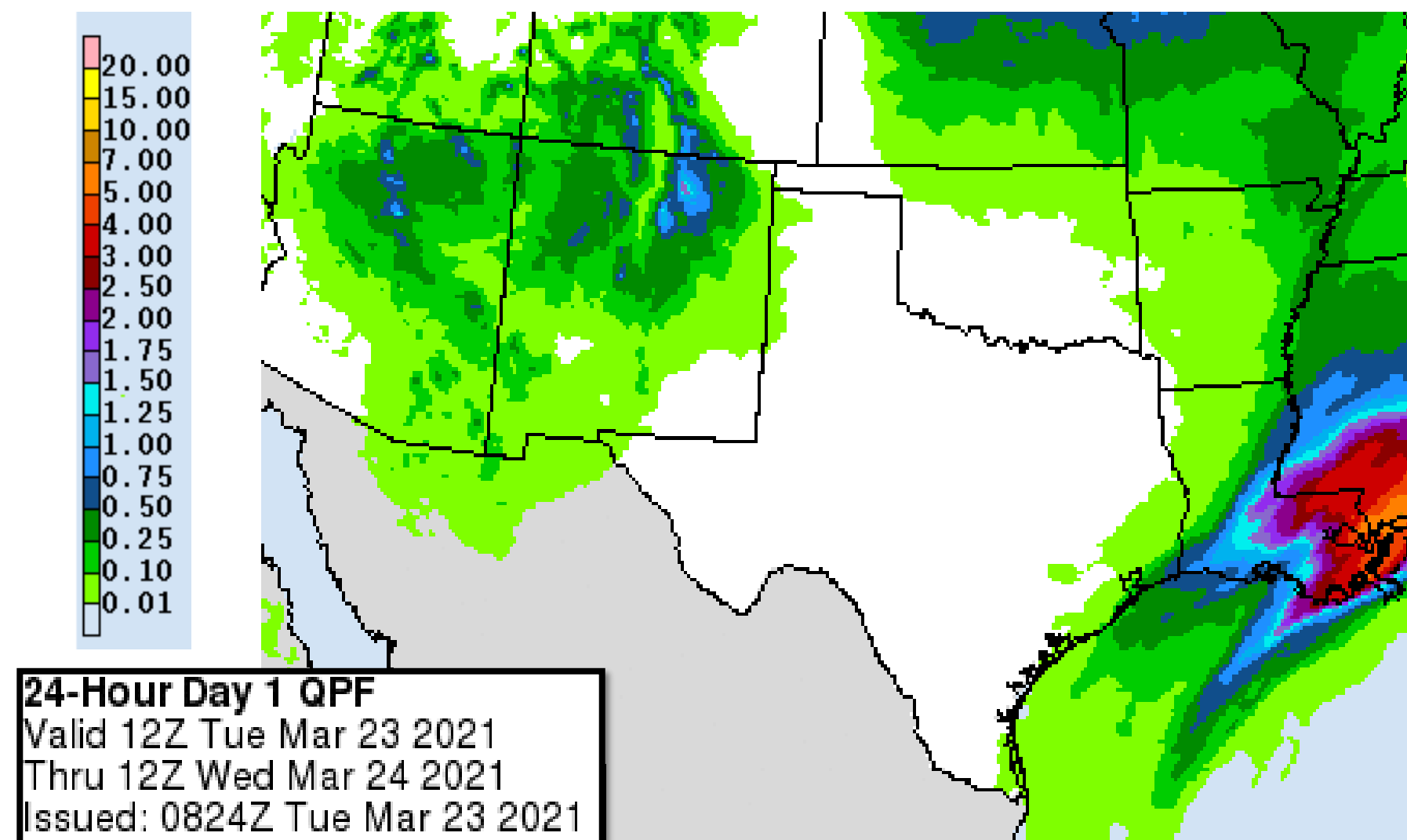
Rain expected over SE LA Tuesday through Thursday (shown on the map) may lead to renewed rises across this area with widespread minor river flooding likely

Today's Weather

Forecast Chart



Forecast Rainfall

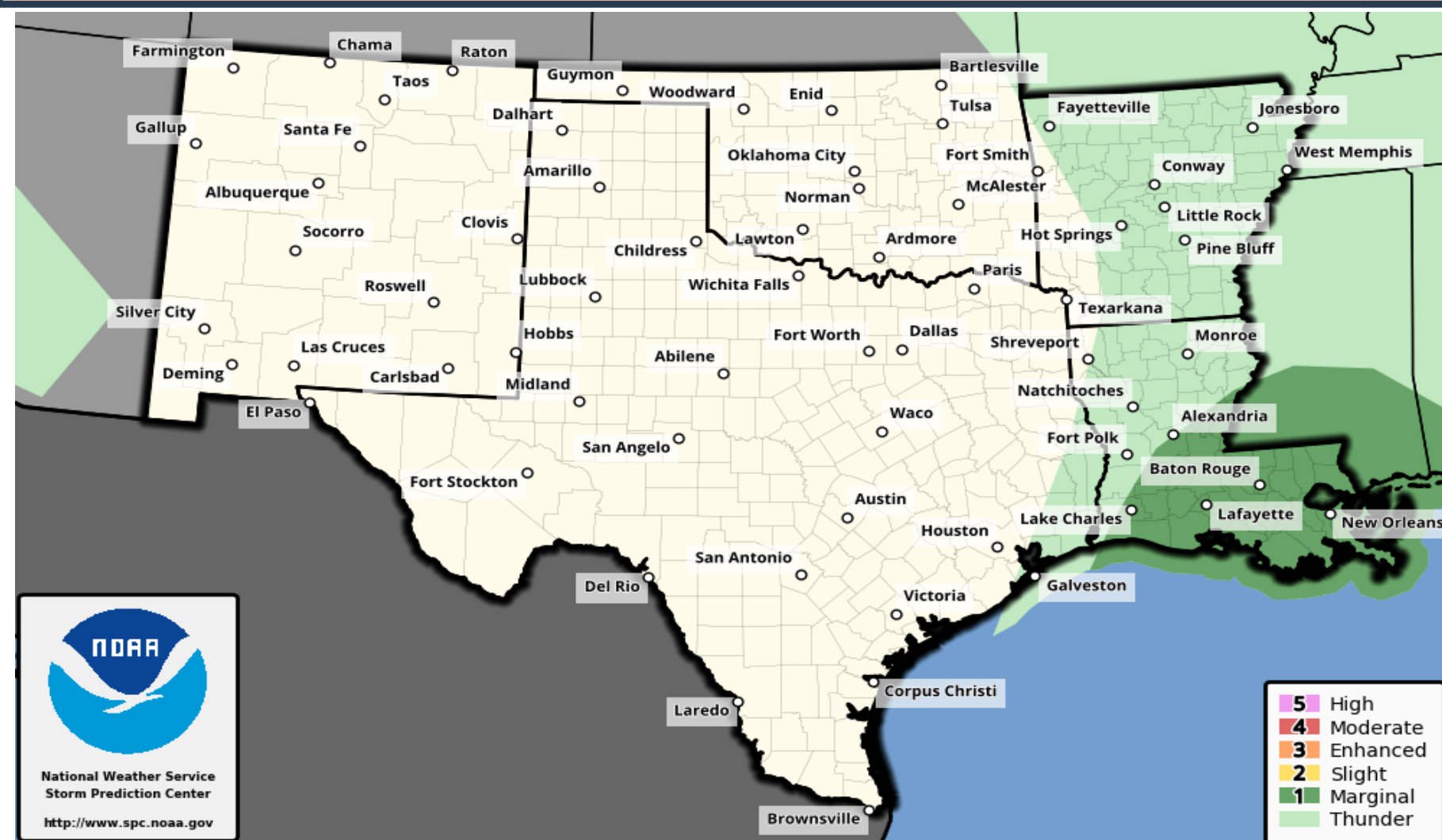


Heavy rain/flash flooding likely over SE LA.

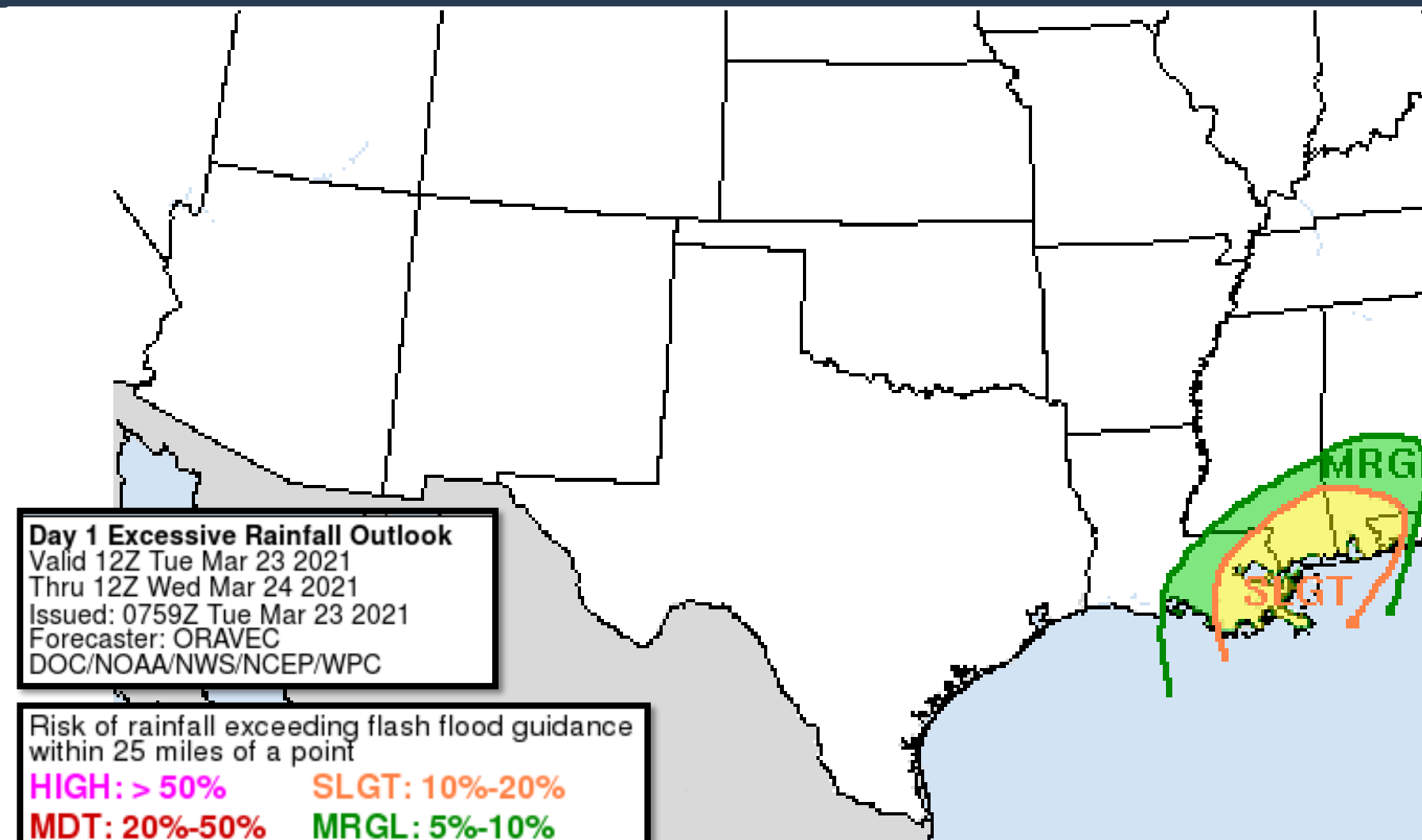
Widespread light to moderate snowfall is expected tonight into Wednesday in NM with locally heavy amounts over parts of the Sangre de Cristo Mountains.

Difficult travel is likely.

Severe Weather Outlook



Excessive Rainfall Outlook

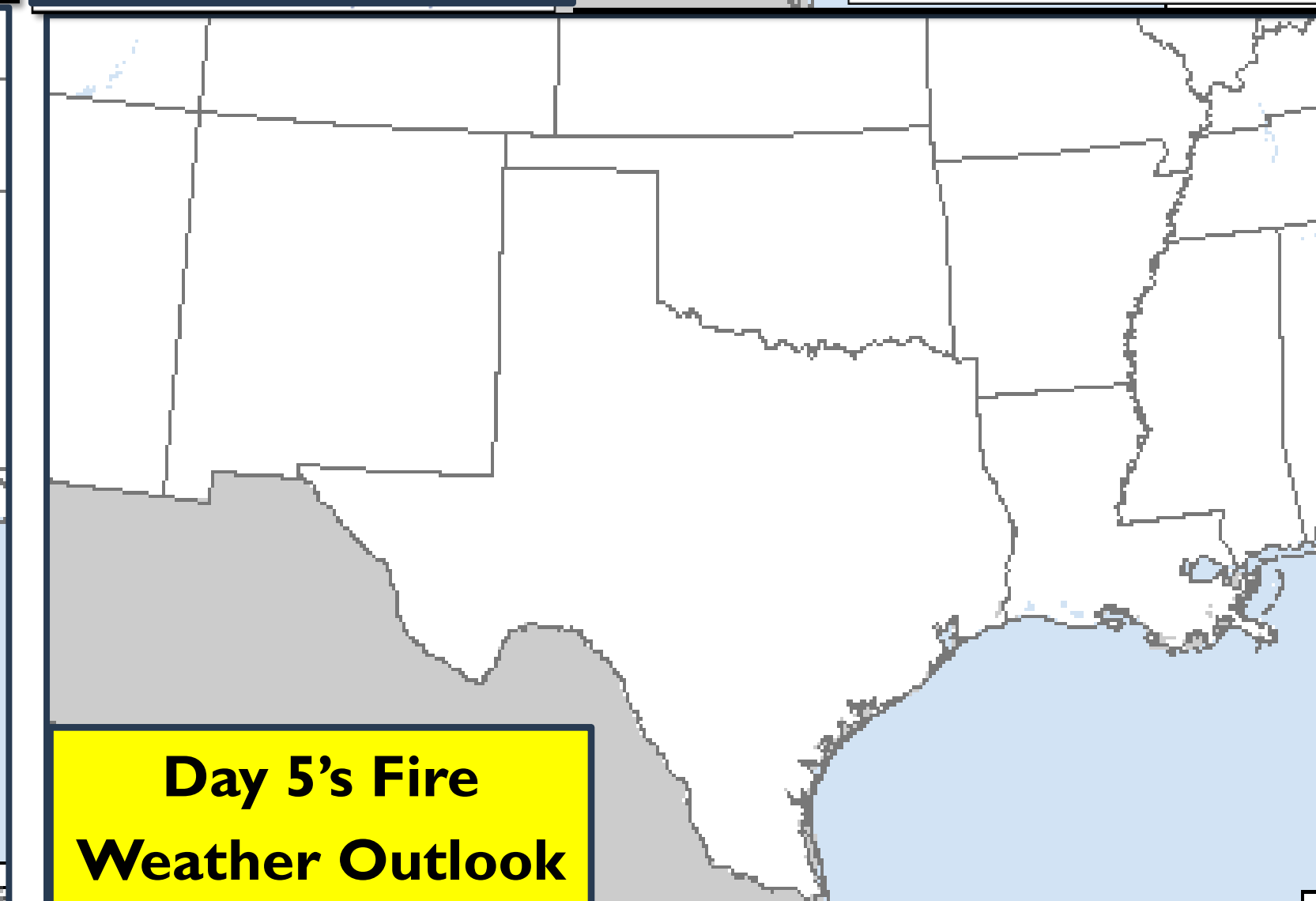
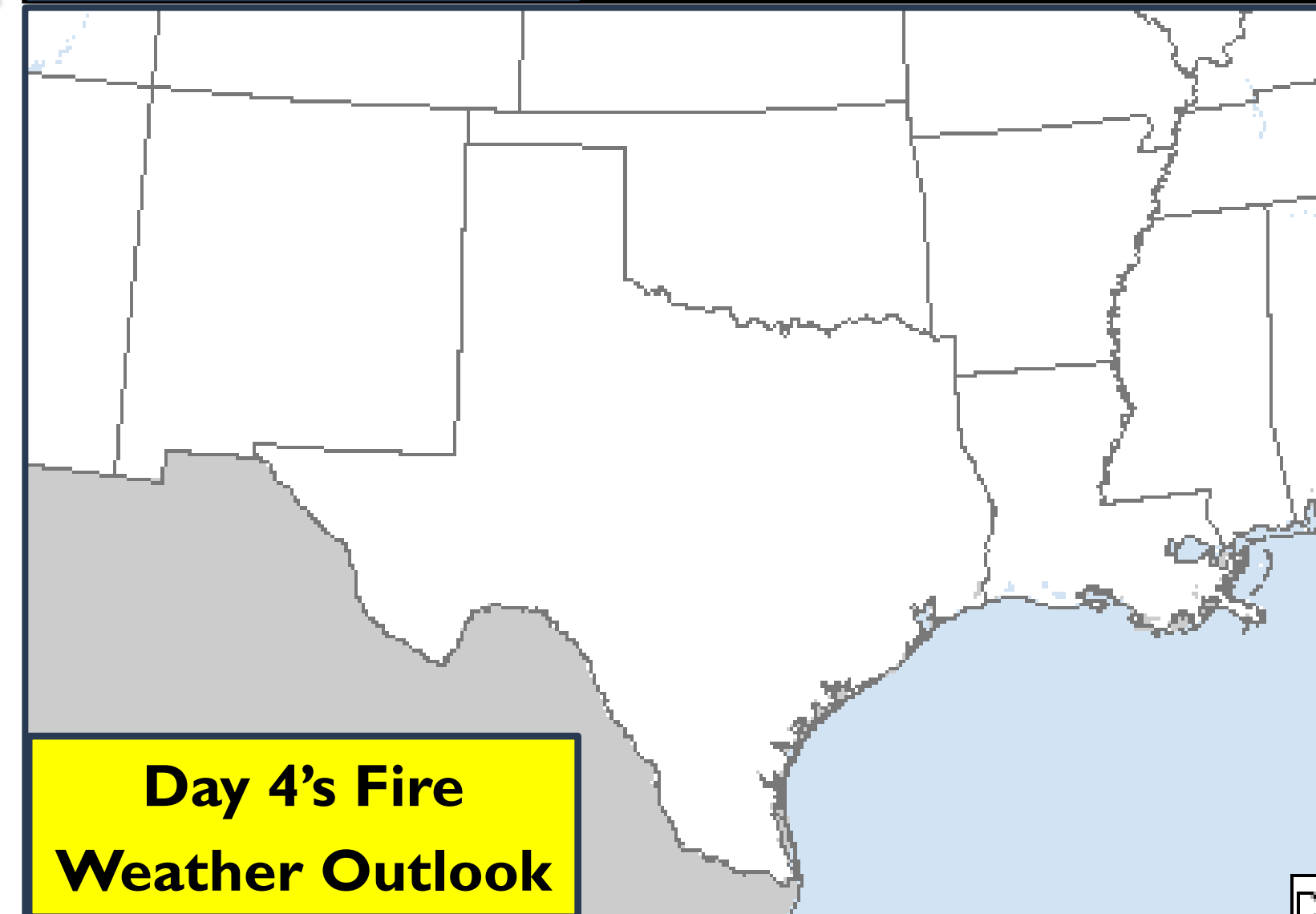
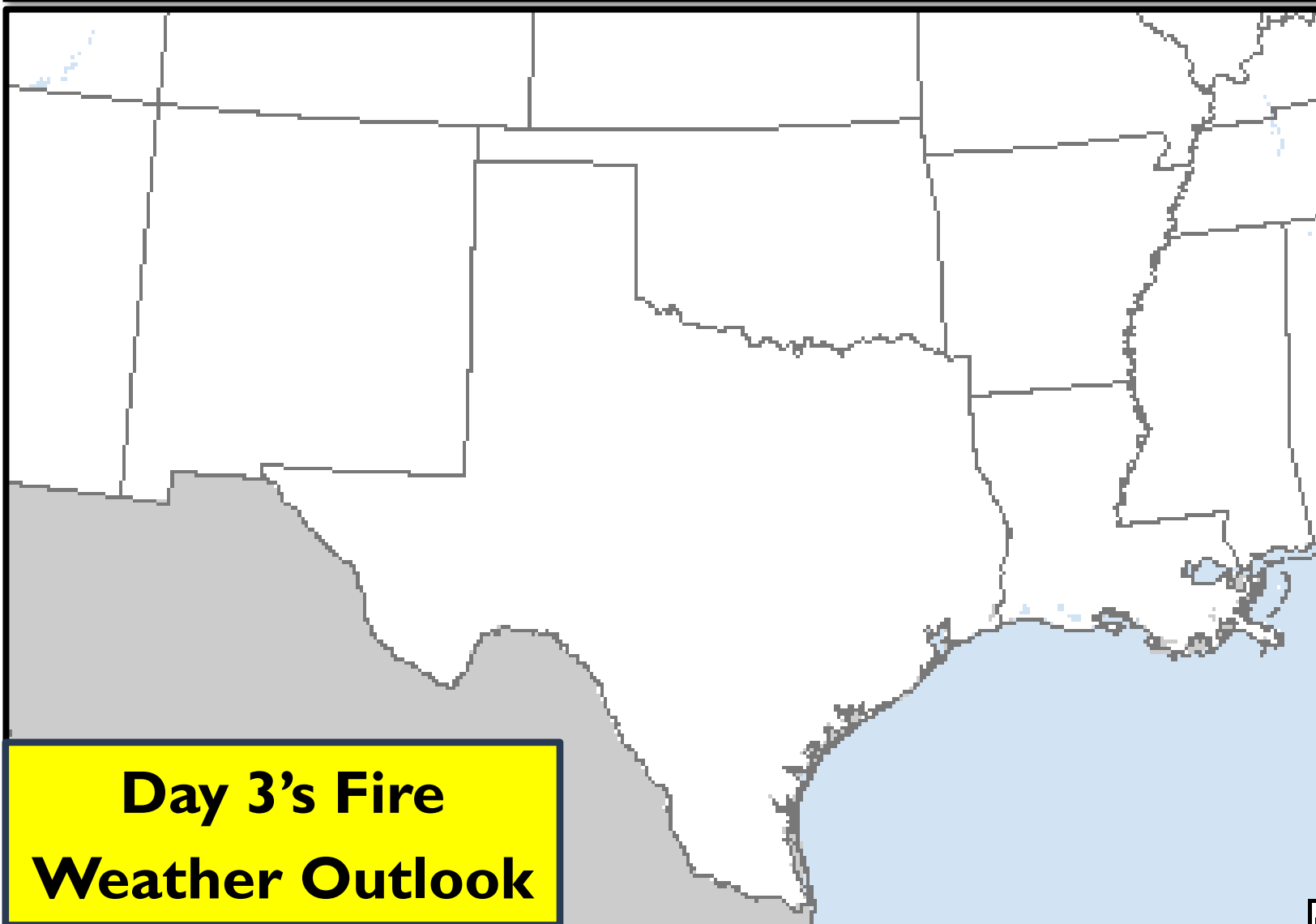
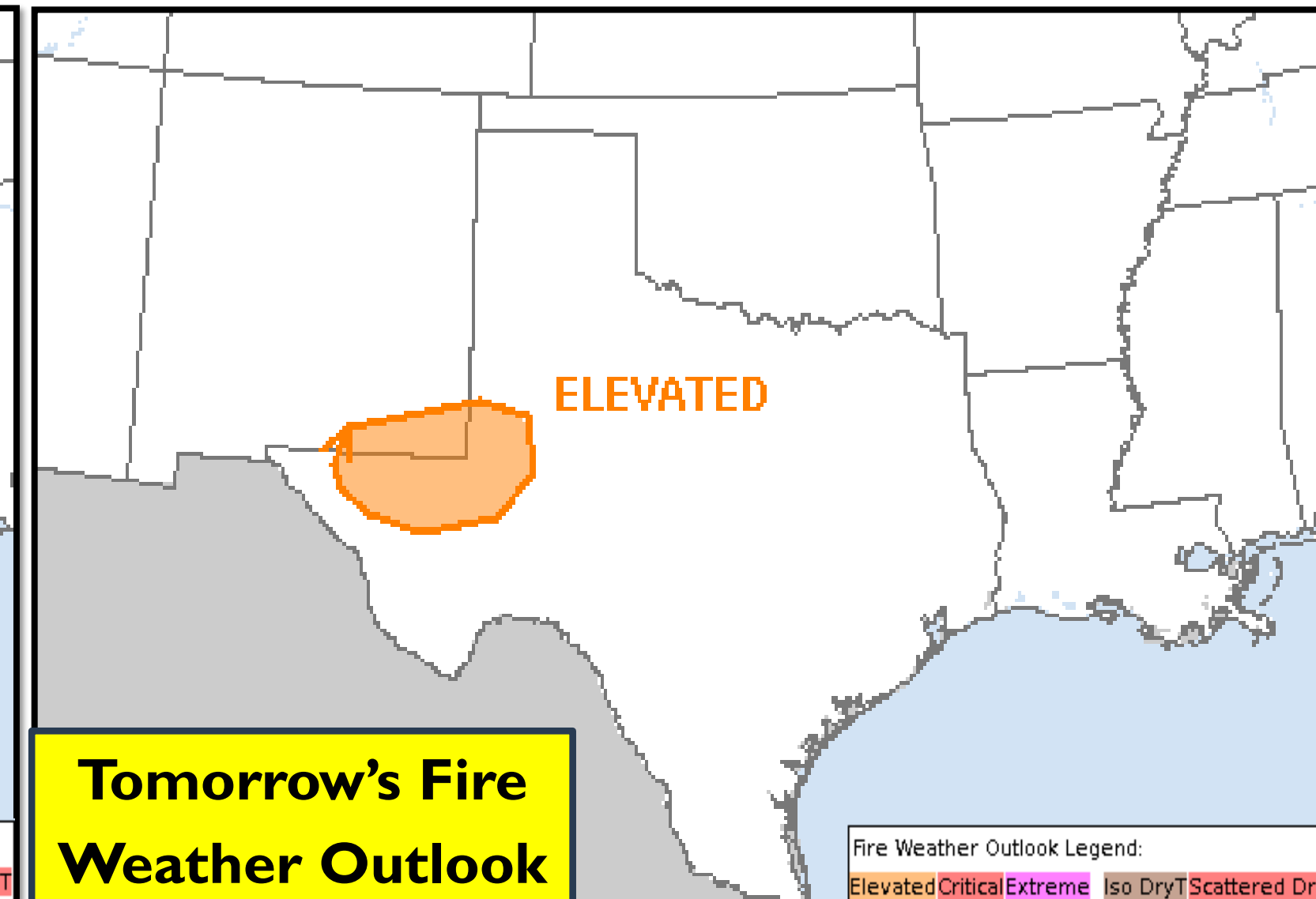
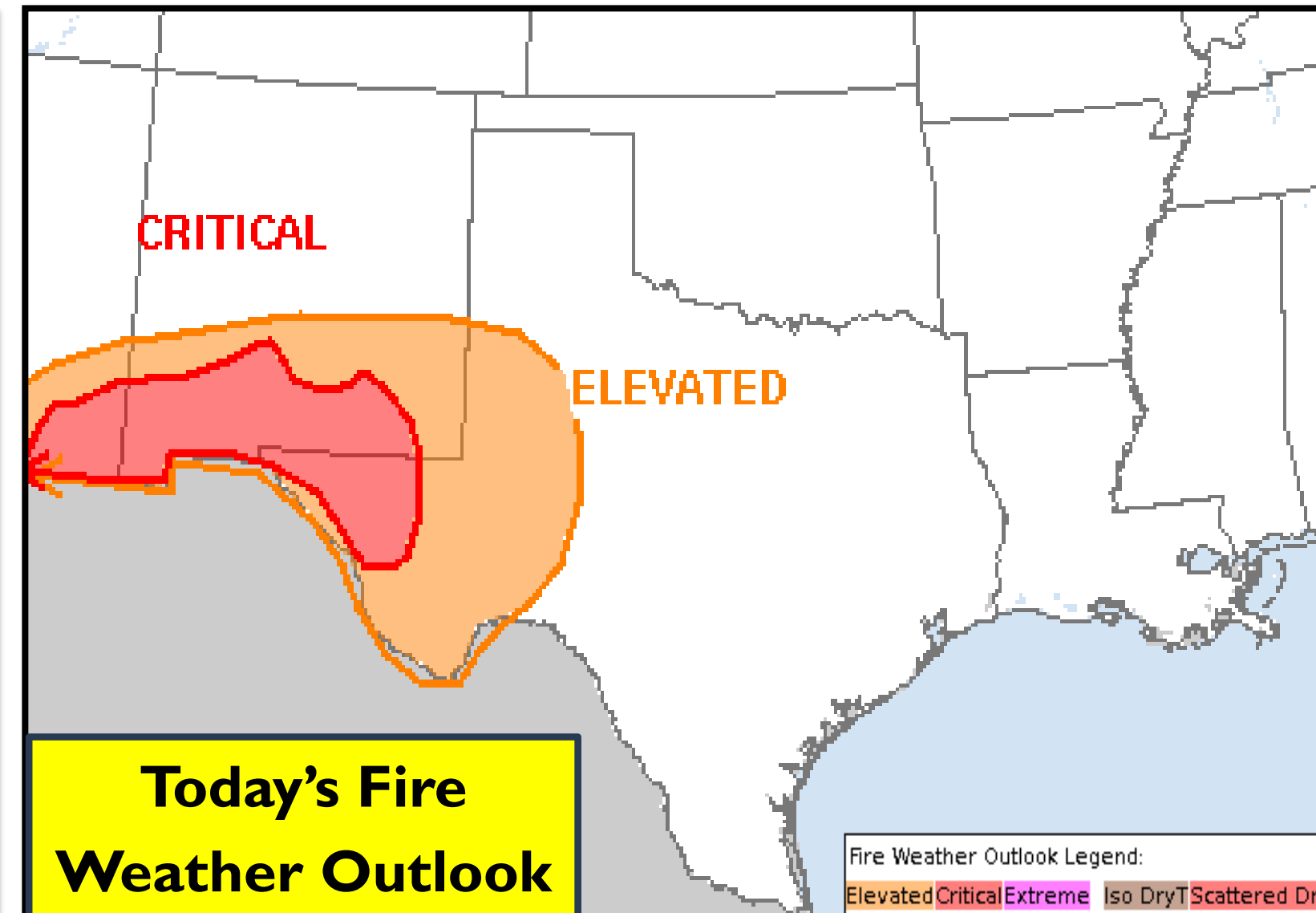
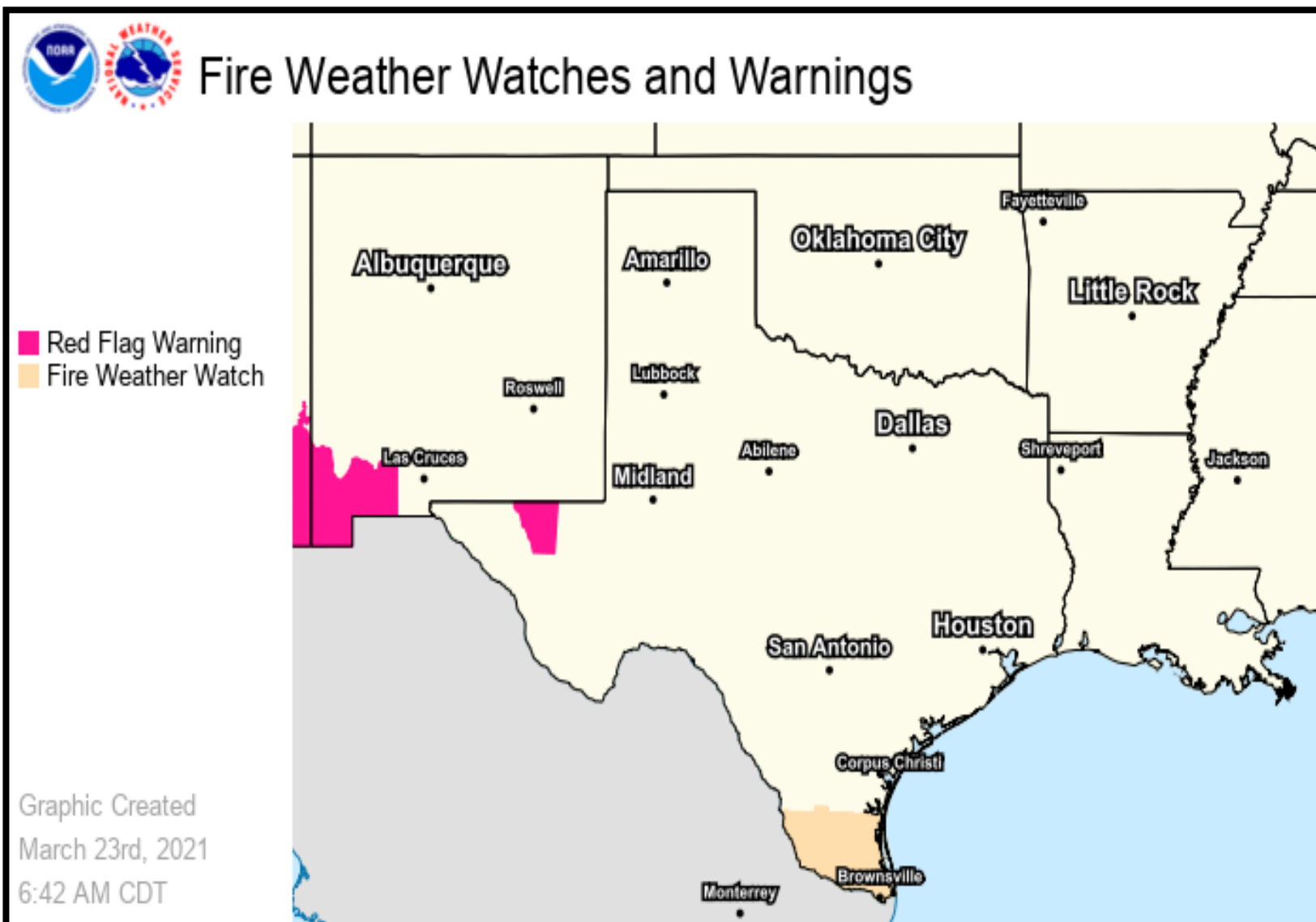


A few strong to severe storms possible this afternoon into evening across portions of LA. Main concern will be damaging winds and hail.

Fire Weather Outlooks



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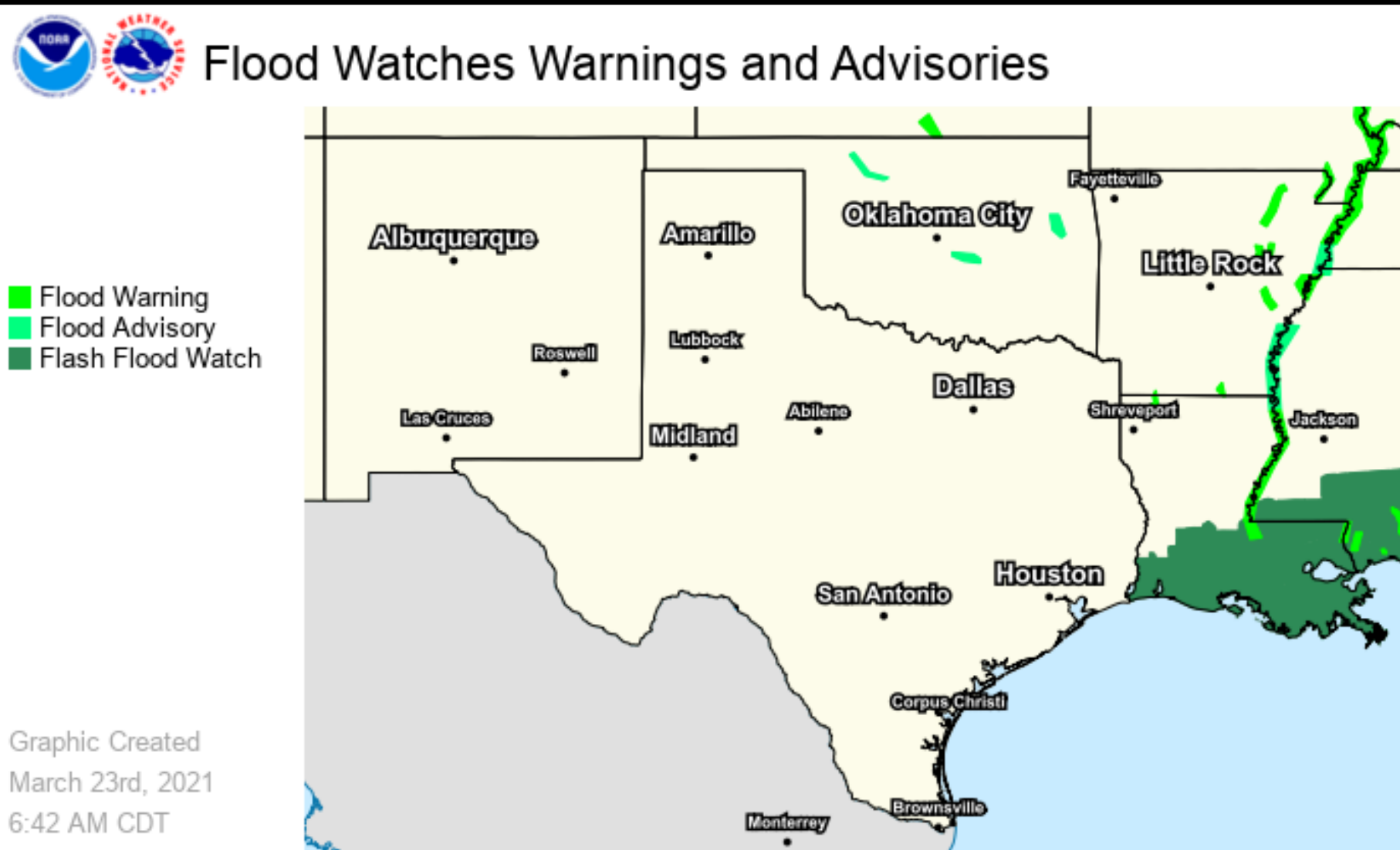
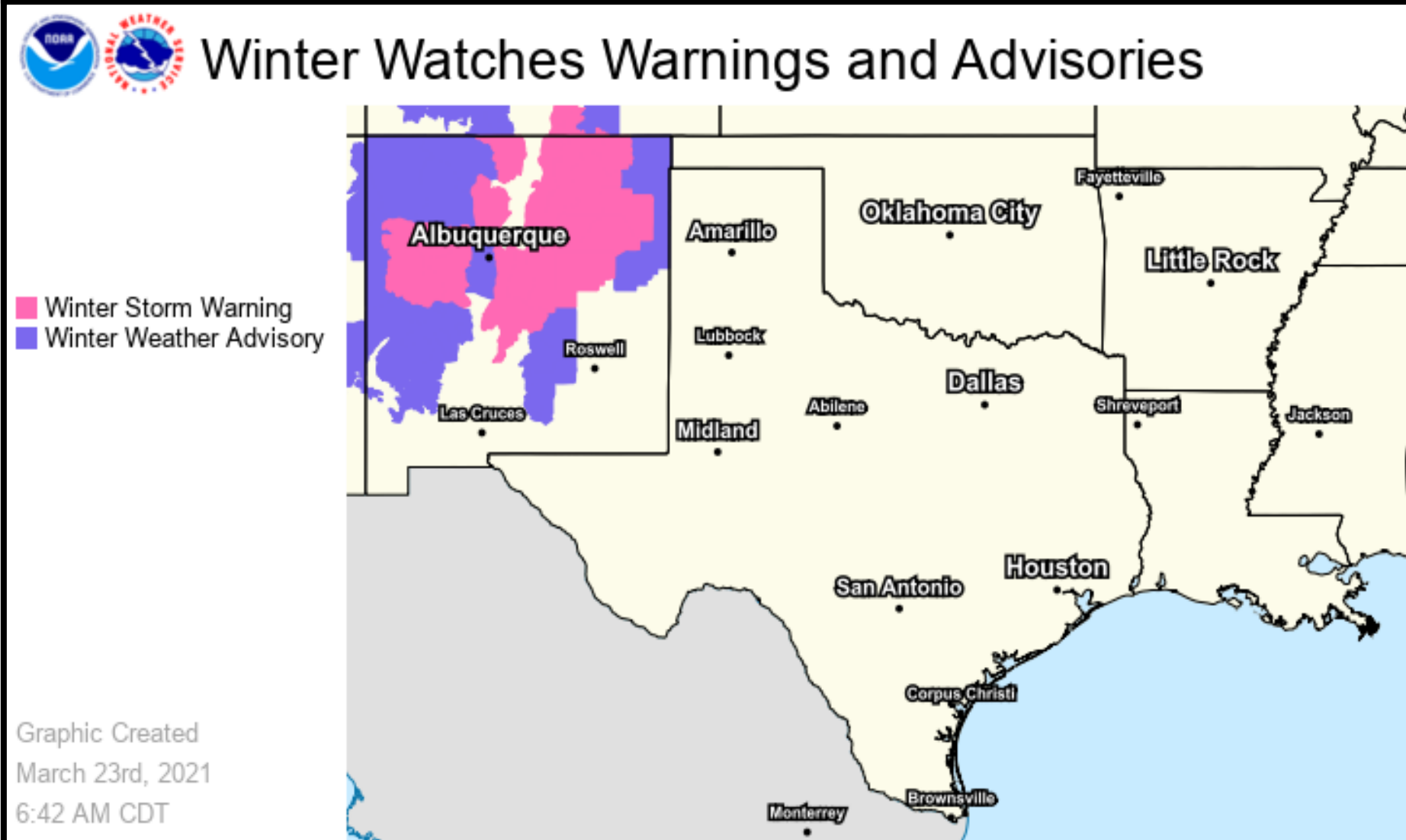
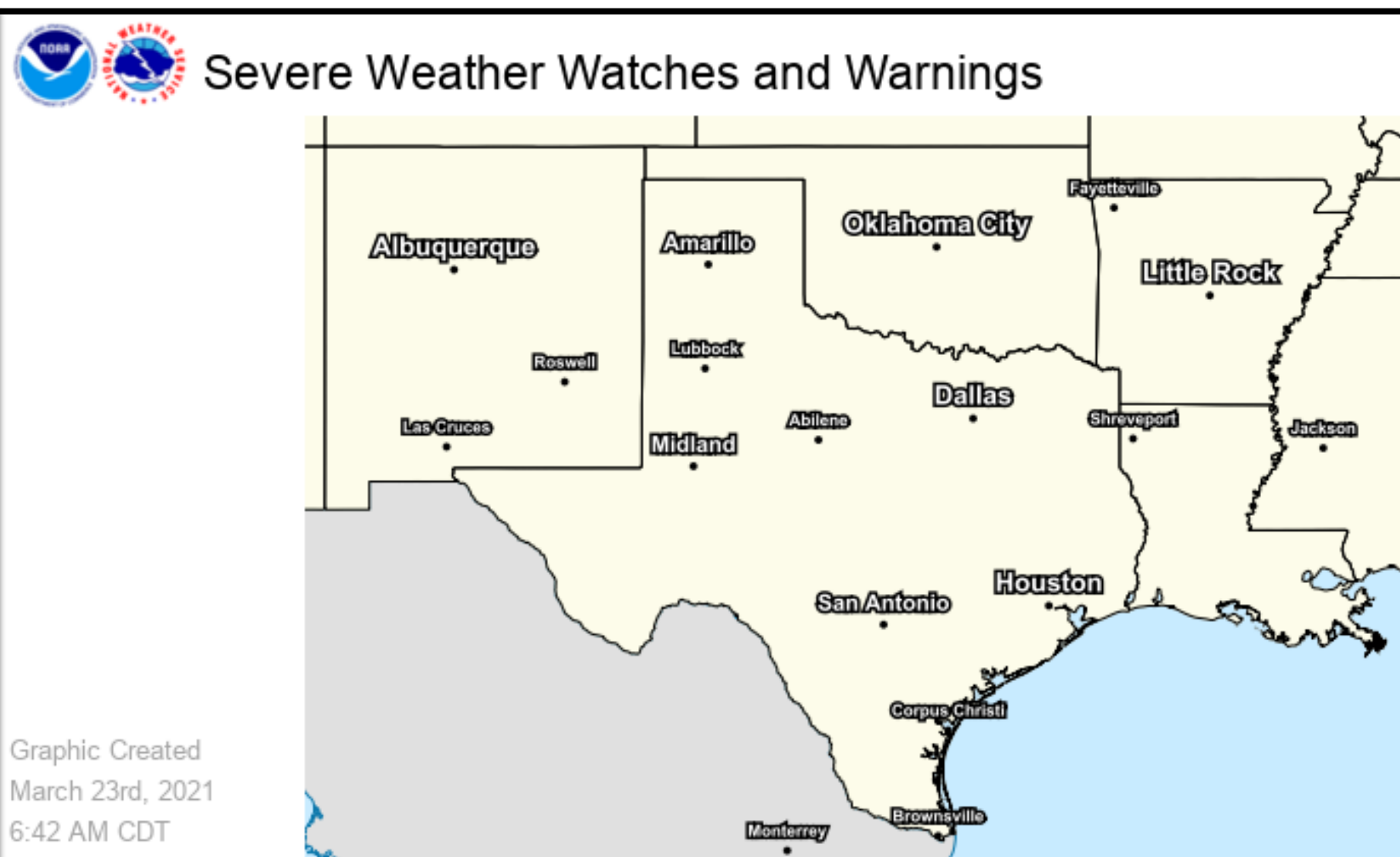


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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Flash Flood Watches in effect through 1pm today for SW LA and through Thursday for SE LA.

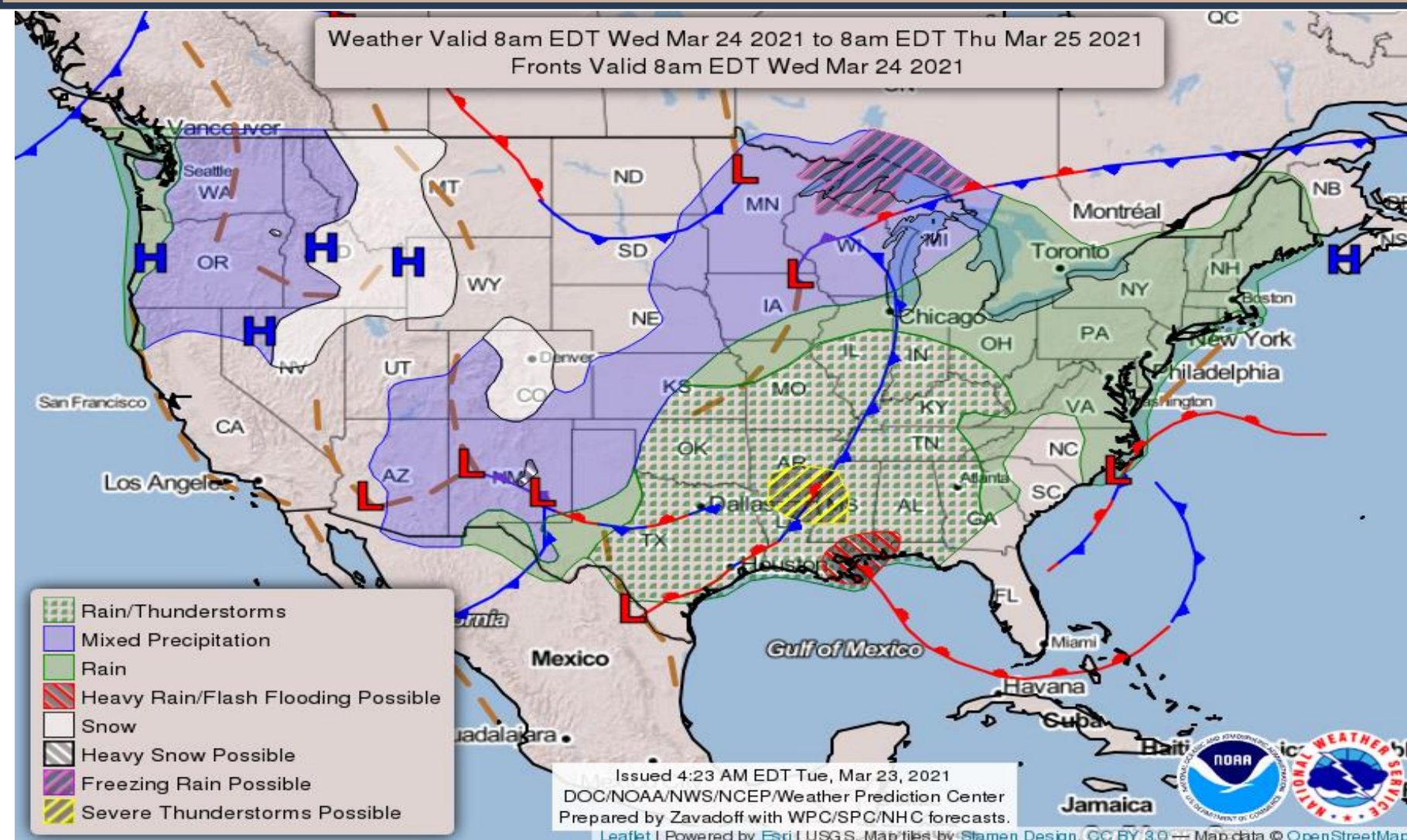
Winter Storm Warnings and Weather Advisories for much of NM through 6pm MDT Wednesday. Difficult travel is likely.

Tomorrow's Weather

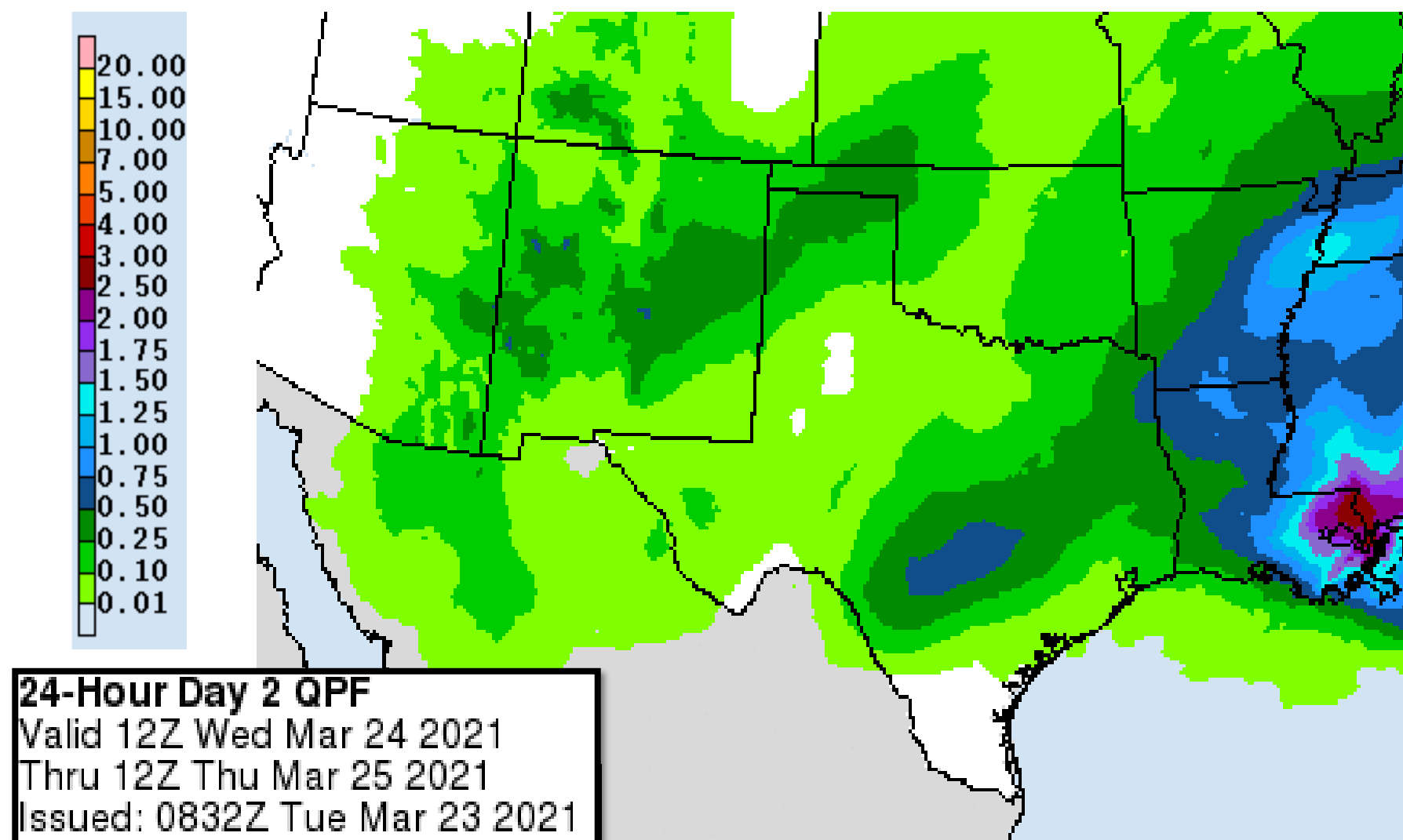


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Forecast Chart



Forecast Rainfall

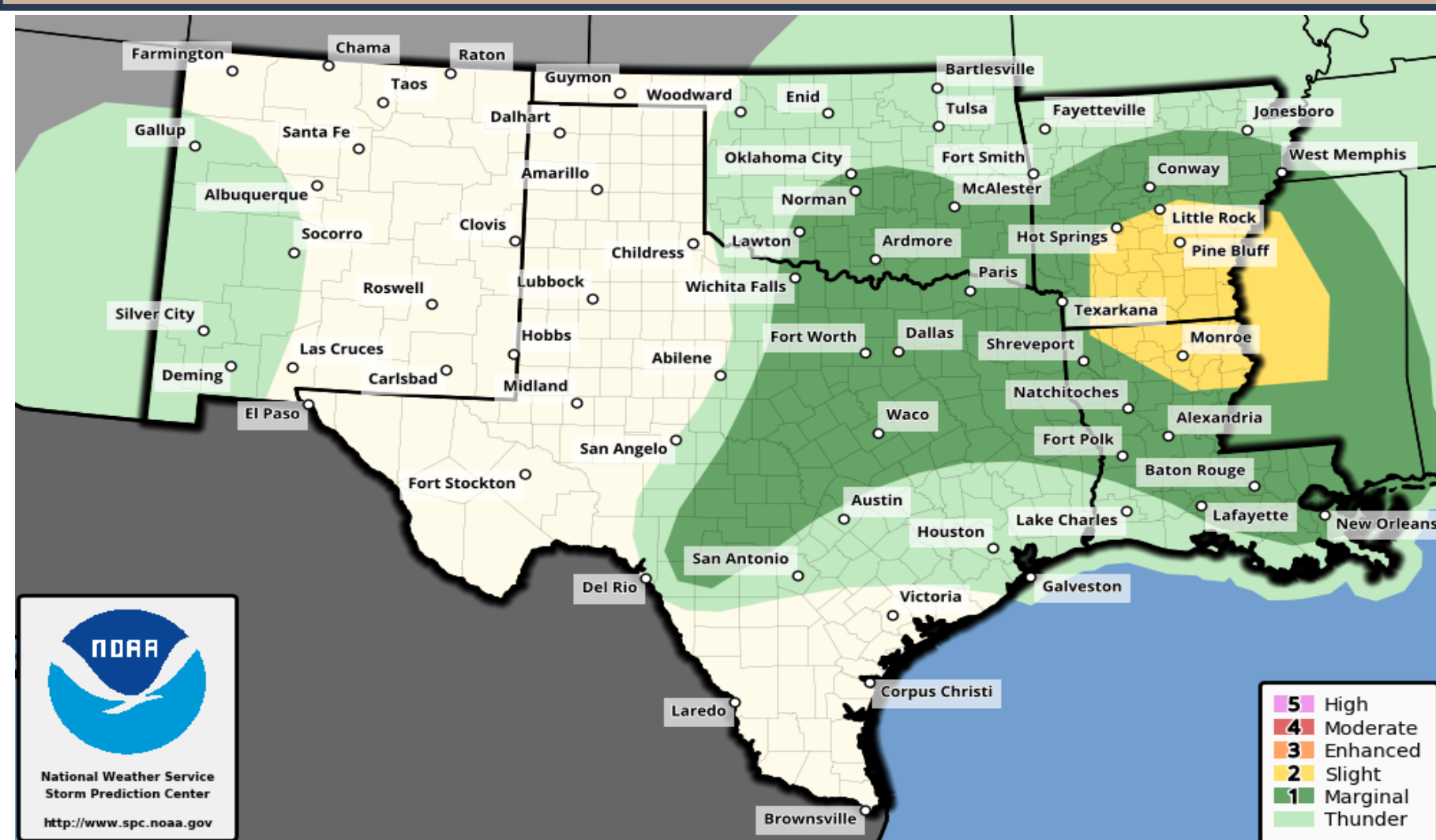


Heavy rain/flash flooding threat continues into Wednesday over SE LA.

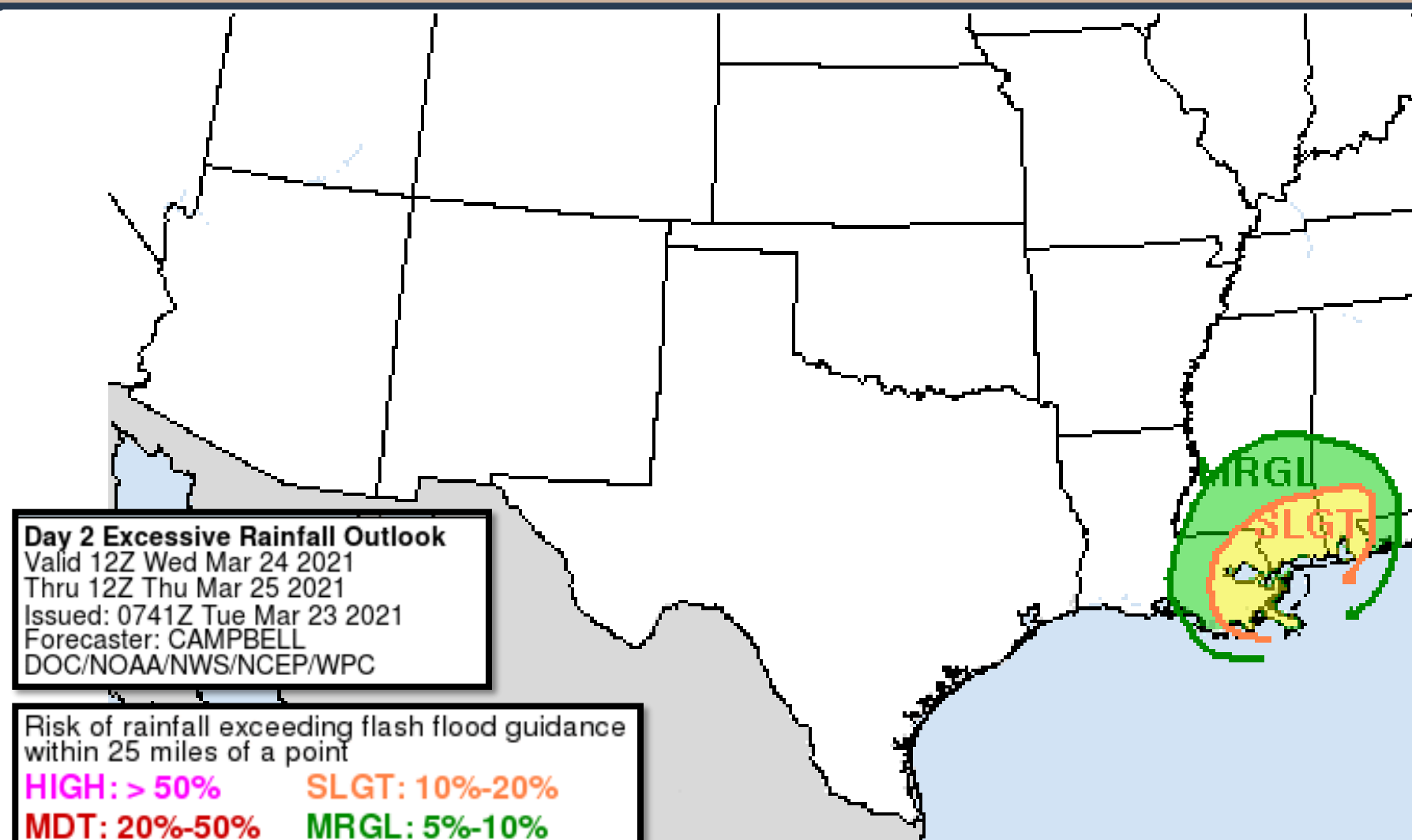
Snow continues into Wednesday across NM. Difficult travel likely.

Isolated severe storms possible over central/southern AR into N LA Wednesday evening into the overnight. Large hail and a few tornadoes possible.

Severe Weather Outlook

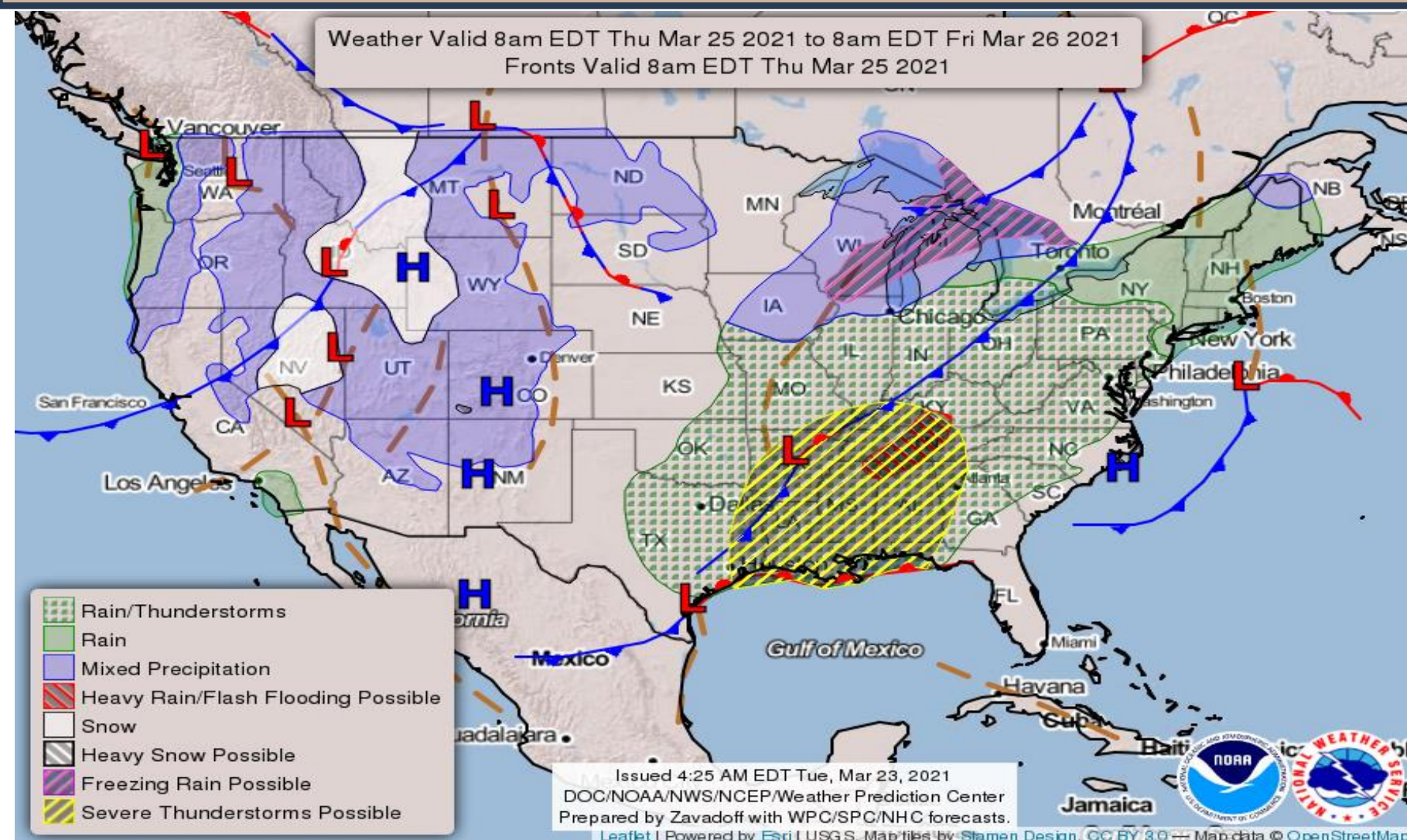


Excessive Rainfall Outlook

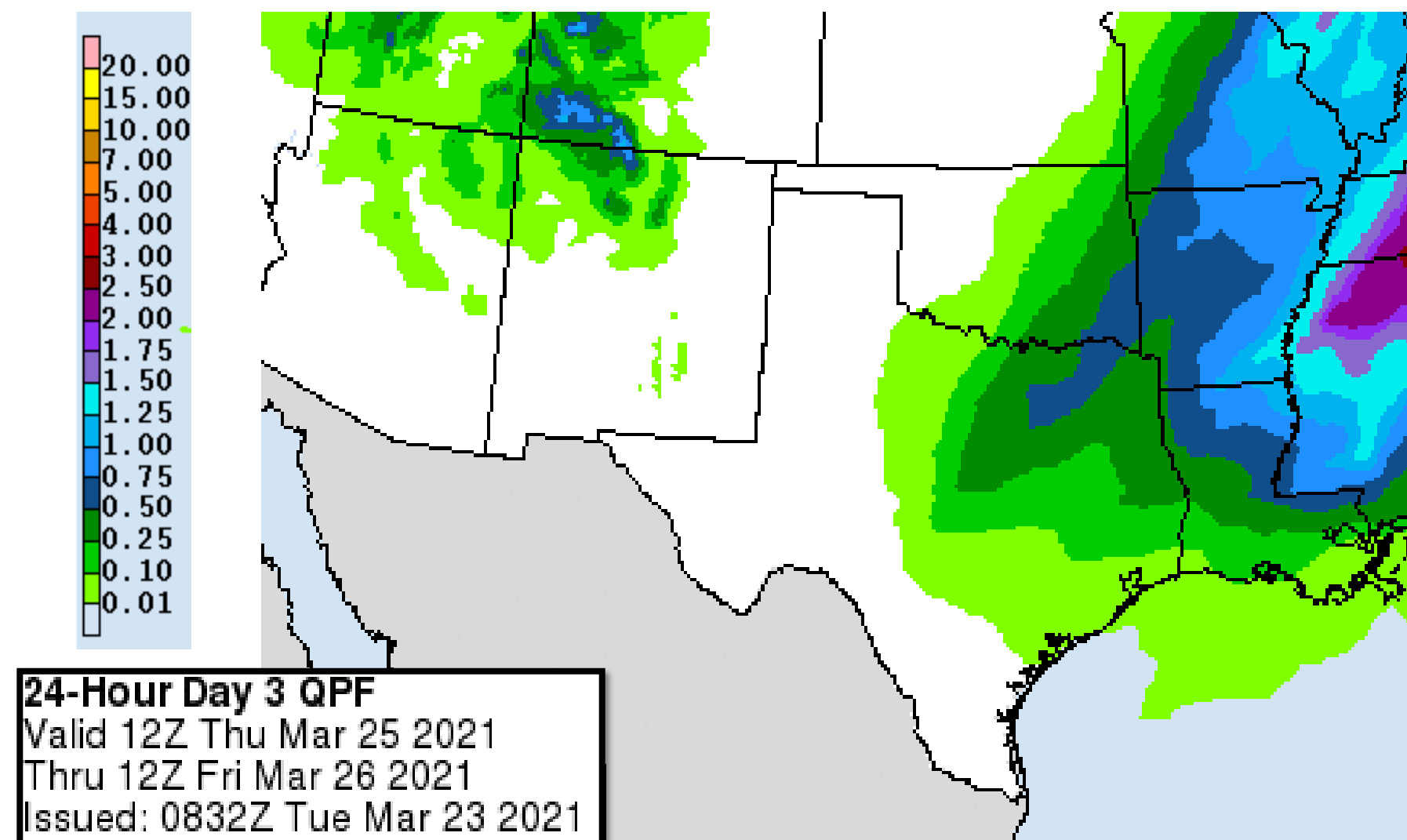


Thursday's Weather

Forecast Chart



Forecast Rainfall

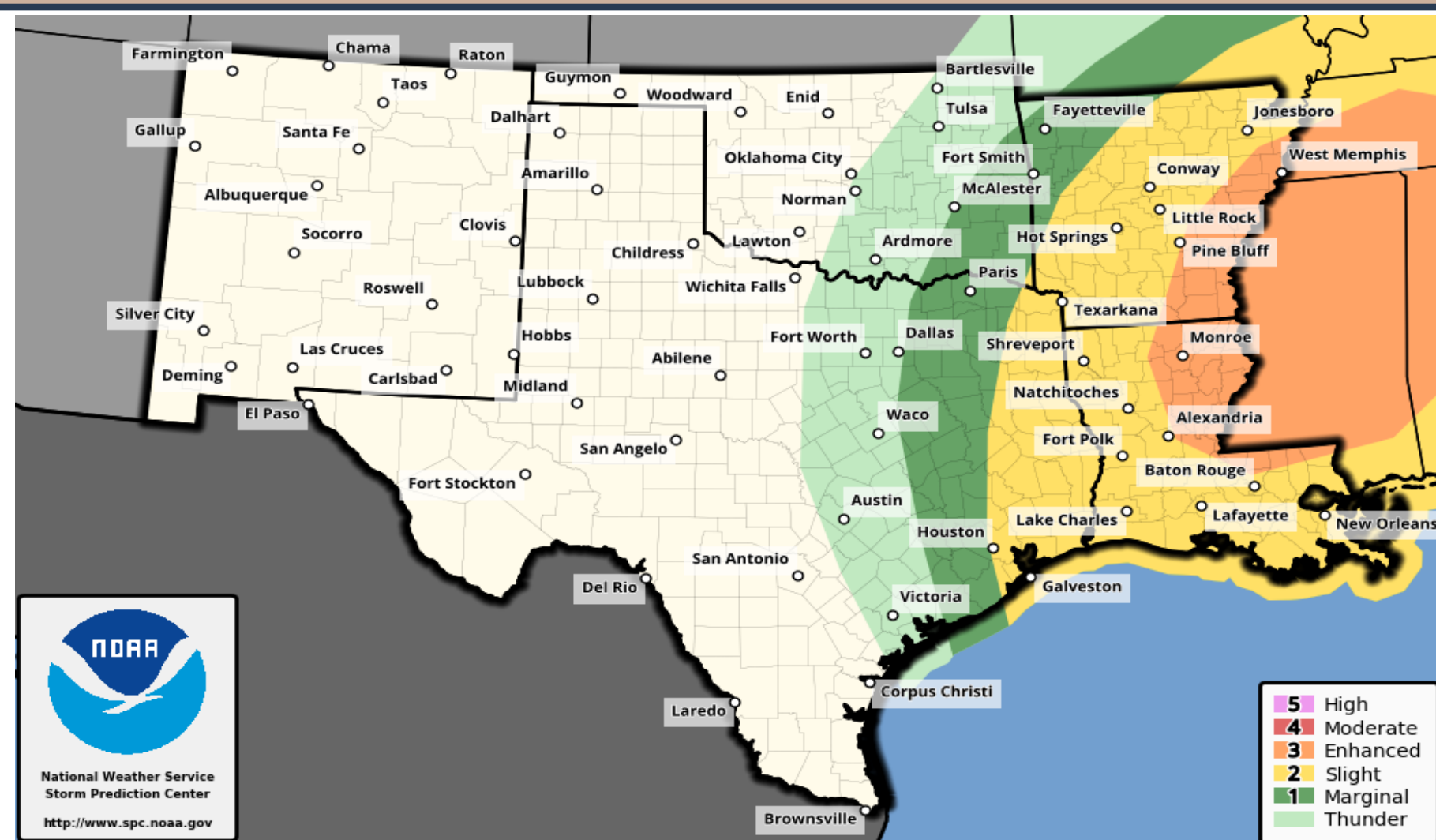


Potential outbreak of severe storms including strong tornadoes, large hail and damaging wind Thursday afternoon into late evening for E AR into NE LA.

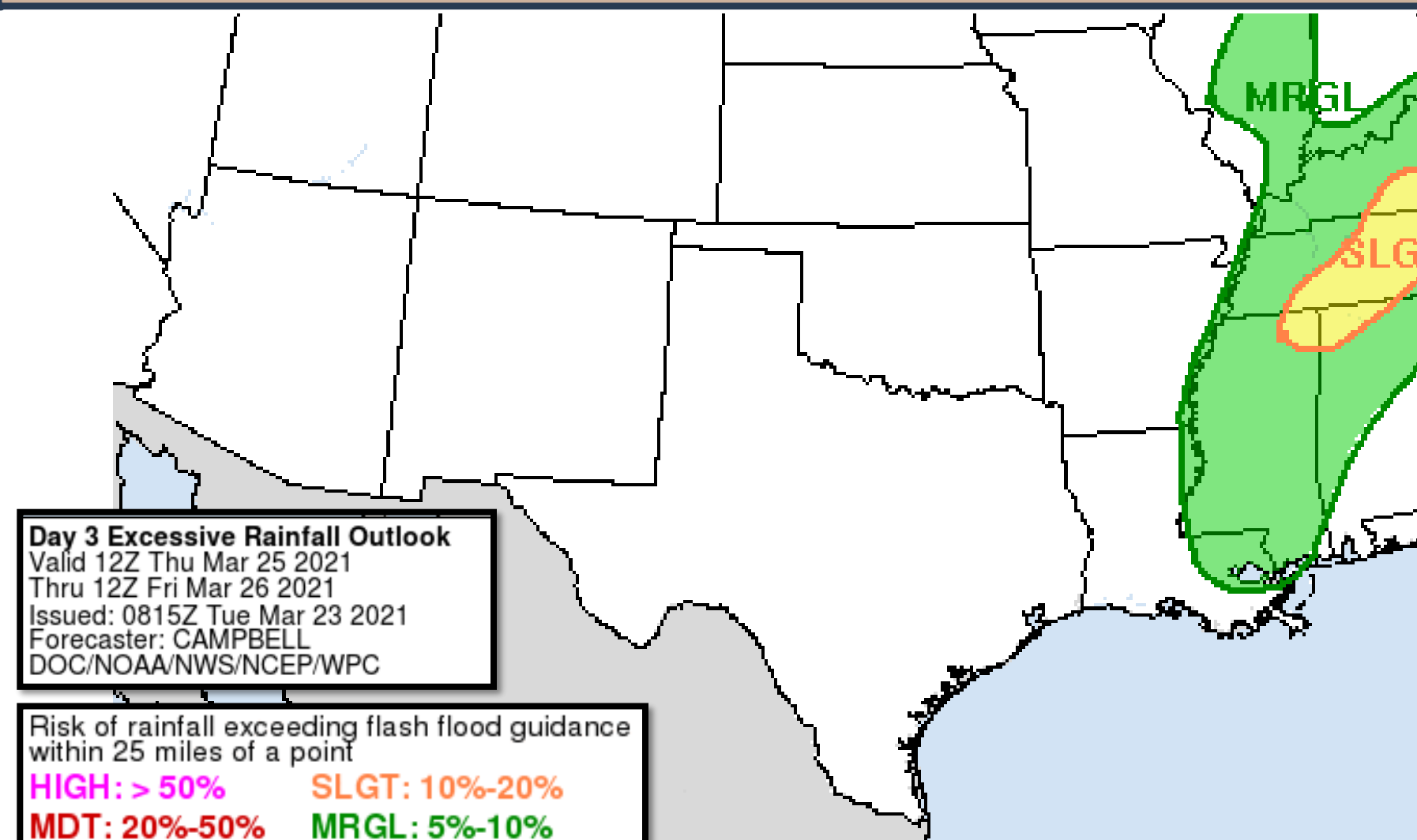
Scattered severe storms possible across the rest of AR/LA into E TX.

Heavy rain/flash flood threat continues for SE LA.

Severe Weather Outlook



Excessive Rainfall Outlook



Winter Weather

Tuesday - Thursday



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Forecast Snow Amounts



Forecast Snowfall

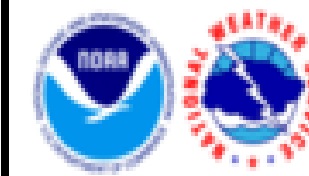
Valid Ending Friday March 26th, 2021 at 7 AM CDT

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
March 23rd, 2021
6:23 AM CDT

Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Friday March 26th, 2021 at 7 AM CDT

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



Graphic Created
March 23rd, 2021
6:24 AM CDT

Days 4-5 Weather Hazards

Friday - Saturday



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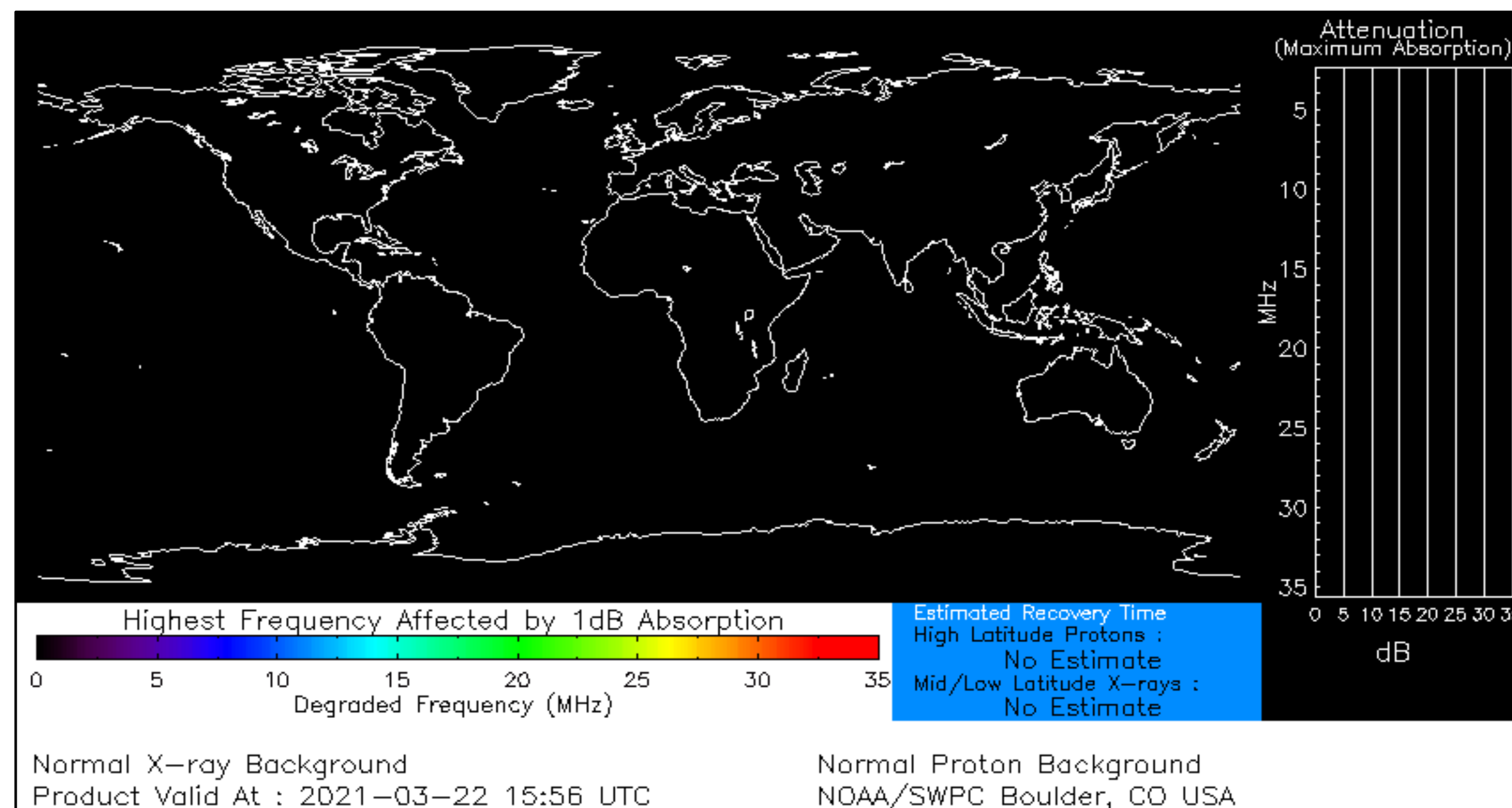
No significant weather expected.

Space Weather 3-Day Forecast



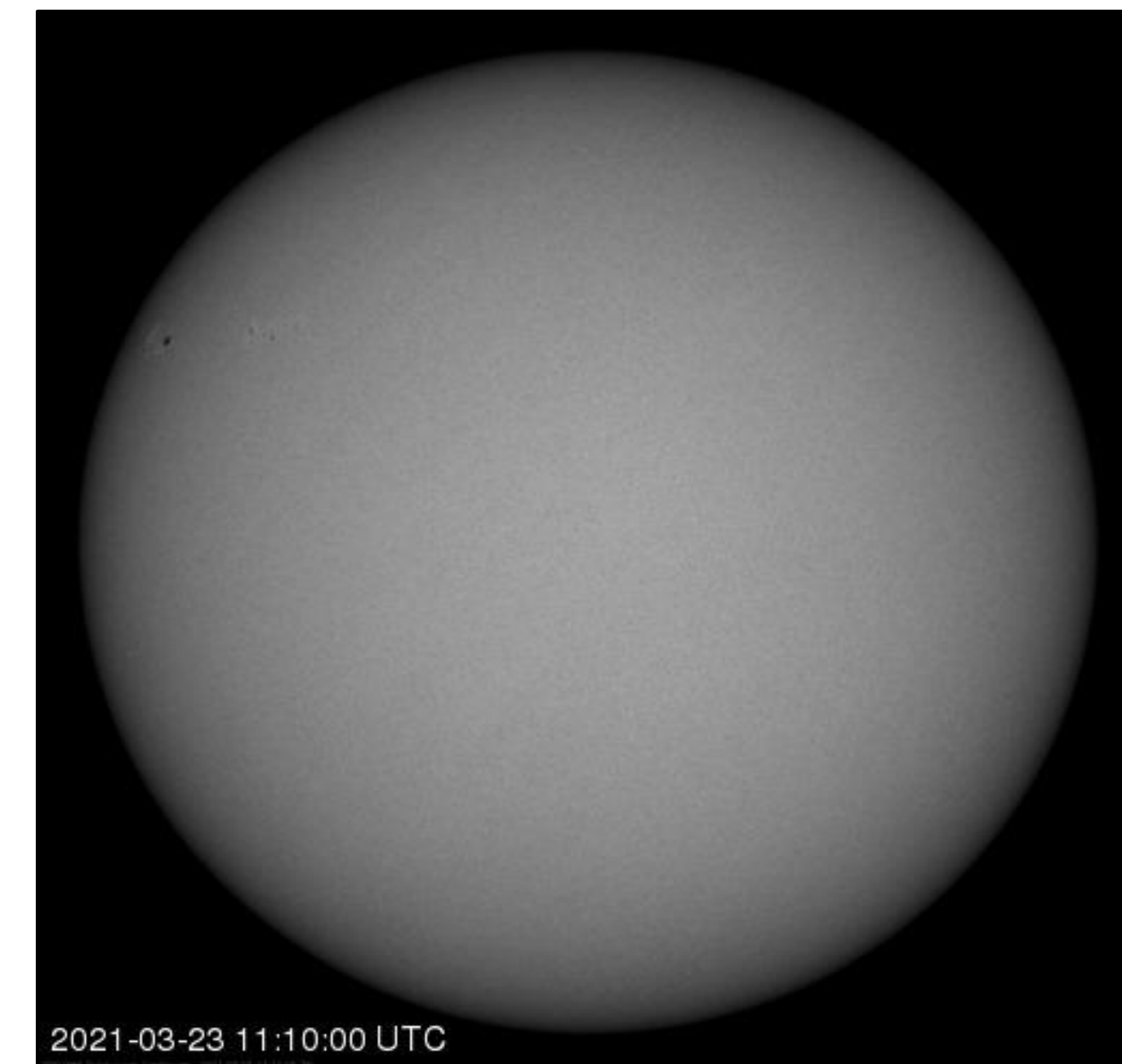
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)



2021-03-23 11:10:00 UTC



For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov